

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

112063

Total Pages

First Named Inventor or Application Identifier

Justin Che-I Chuang et al.

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
(submit an original, and a duplicate for fee processing)

2.  Specification [Total Pages 45]  
(preferred arrangement set forth below)

Descriptive title of invention

Cross References to Related Applications

Statement Regarding Fed sponsored R&D

Reference to Microfiche Appendix

Background of the Invention

Brief Summary of the Invention

Brief Description of the Drawings(if filed)

- Detailed Description

- Claim(s)

- Abstract of the Disclosure

3.  Drawing(s)(35 USC 113) [Total Sheets 9]

4. Oath or Declaration [Total Pages 2]

a.  Newly executed (original or copy)

b.  Copy from a prior application(37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
163(d)(2) and 1.33(b)

5.  Incorporation by reference(useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath  
or declaration is supplied under Box 4b, is considered as being part of the  
disclosure of the accompanying application and is hereby incorporated by  
reference herein.

**ADDRESS TO:**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

6.  Microfiche Computer Program (Appendix)

7.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a.  Computer Readable Copy

b.  Paper Copy(identical to computer copy)

c.  Statement verifying identity of above copies

00/TT/10  
JC564 U.S. PTO  
09/480676  
01/11/00

**ACCOMPANYING APPLICATION PARTS**

8.  Assignment Papers(cover sheet & document(s))

9.  37 CFR 3.73(b)Statement  Power of Attorney

10.  English Translation Document (if applicable)

11.  Information Disclosure  Copies of IDS  
Statement(IDS)/PTO-1449 Citations

12.  Preliminary Amendment

13.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

14.  Small Entity  Statement filed in prior application,  
Statement(s) Status still proper and desired

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Other :

**17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

Continuation  Divisional  Continuation-in-part (CIP) of prior Application No: 08/846,712

**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

NAME	Samuel H. Dworetzky			
ADDRESS	AT&T CORP. P.O. Box 4110			
CITY	Middletown	STATE	New Jersey	ZIP CODE
COUNTRY	United States of America			

**19. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

NAME	Christopher J. Hamaty	Reg. #	37634
TELEPHONE	202-857-7887		
SIGNATURE	Christopher J. Hamaty	DATE	-11-00

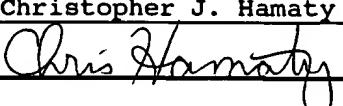
"Express Mail" Mailing Label Number

Date of Deposit

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington D.C. , 20231

(Printed Name of Person Mailing Paper)

(Signature of Person Mailing Paper)

<b>FEE TRANSMITTAL</b>		Complete if Known																																																																																																																																	
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<b>METHOD OF PAYMENT</b> (check one)				<b>FEE CALCULATION (continued)</b>																																																																																																																															
<p>1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <b>13-4503</b>        Deposit Account Name <b>Morgan &amp; Finnegan LLP</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed – Deposit Account  <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>				<p><b>3. ADDITIONAL FEES</b></p> <table border="1"> <tr> <th>Large Fee Code</th> <th>Entity Fee(\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>105</td> <td>130</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1840*</td> <td>Requesting publication of SIR after to Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>380</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>870</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1360</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1850</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>300</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>300</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>260</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1210</td> <td>Petition to revive – unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1210</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>430</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>580</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>Recording each patent assignment per property(times number of properties)</td> <td></td> </tr> <tr> <td>146</td> <td>760</td> <td>Filing a submission after final rejection(37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>760</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td colspan="4">Other fee (specify)</td> <td colspan="2"></td> </tr> <tr> <td colspan="4">Other fee (specify)</td> <td colspan="2"></td> </tr> <tr> <td colspan="4">           * Reduced by Basic Filing Fee Paid         </td> <td colspan="2">           SUBTOTAL (3) <b>\$0.00</b> </td> </tr> </table>		Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid	105	130	Surcharge - late filing fee or oath		127	50	Surcharge - late provisional filing fee or cover sheet		139	130	Non-English specification		147	2520	For filing a request for reexamination		112	920*	Requesting publication of SIR prior to Examiner action		113	1840*	Requesting publication of SIR after to Examiner action		115	110	Extension for reply within first month		116	380	Extension for reply within second month		117	870	Extension for reply within third month		118	1360	Extension for reply within fourth month		128	1850	Extension for reply within fifth month		119	300	Notice of Appeal		120	300	Filing a brief in support of an appeal		121	260	Request for oral hearing		138	1510	Petition to institute a public use proceeding		140	110	Petition to revive – unavoidable		141	1210	Petition to revive – unintentional		142	1210	Utility issue fee (or reissue)		143	430	Design issue fee		144	580	Plant issue fee		122	130	Petitions to the Commissioner		123	50	Petitions related to provisional applications		126	240	Submission of Information Disclosure Statement		581	40	Recording each patent assignment per property(times number of properties)		146	760	Filing a submission after final rejection(37 CFR 1.129(a))		149	760	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify)						Other fee (specify)						* Reduced by Basic Filing Fee Paid				SUBTOTAL (3) <b>\$0.00</b>	
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PRINT OF DRAWINGS  
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Attorney's Initials:

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Docket No. 10S 112063 (2455-14376 2651)

Applicant *Justin Chuang and Nelson Sollenberger* Application No.  
Filing Date *January 11, 2000*

Specification 31 # of Pages  
 Claims 13 # of Pages  
 Abstract 1 # of Pages  
 Drawings 9 # of Sheets  Formal  
 Response to O.A. (Type)  
 Response to Notice to File Missing Parts  
 Amendment  
 Notice of Appeal  
 Appeal Brief  
 Other  
 PCT Request Form  
 PCT Demand Form  
 PCT Invitation to Correct

JC564 U.S. PTO  
09/480676  
01/11/00

Express Mail No.  
 Certificate of Mailing

Application No.  
Filing Date *January 11, 2000*

Assoc./Power of Attorney  
 Assignment  
 Recordation Form Cover Sheet  
 IDS (Information Disclosure Statement)  
 Oath and Declaration (COPY)  
 PTO 1449 Form with references  
 Preliminary Amendment  
 Transmittal Letter  Fee Transmittal Form  
 Issue Fee Transmittal  
 Letter to Official Draftsman  
 Extension of Time

PT 22 Papers mailed to Commissioner of Patents and Trademarks